

1113-2002 DS 11

United States Of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate
Number SA09319AC-D

This Certificate issued to

S-TEC Corporation
One S-TEC Way
Mineral Wells Municipal Airport
Mineral Wells, TX 76067-9236

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations.

Original Product Type Certificate Number : 3A13
Make : Cessna
Model : 182P and 182Q

Description of Type Design Change:

Installation of S-TEC System 20/30 Single and Two Axis Automatic Flight Guidance Systems, Model ST-762-20/30, according to Bulletin No. 862, Revision 3, dated 6-13-02 and Master Drawing List No. 921057, Revision C, dated 6-13-02 or later FAA Approved revisions of the above data (14 Volt System).

Limitations and Conditions :

(See Continuation Sheet, Pages 2 and 3 a part of this STC.)

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application : 12-23-97


Date reissued :

Date of issuance : 12-30-97

Date amended : 9-02-98, 6-18-02

By direction of the Administrator




(Signature)

Michael Keirnan
DAS Staff Coordinator, DAS 5 SW
(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

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Limitations and Conditions (con't.)

1. Also eligible on the above Cessna models when modified by: 1. STC SA485SW (Wren conversion) and STC SA3825SW (260 H.P. engine conversion) or 2. STC SA950CE (Horton STOL) and/or STC SA2285CE (Horton flap gap seals) and STC SA3825SW (260 H.P. engine conversion) or 3. STC SA1382WE (Robertson STOL) and STC SA3825SW (260 H.P. engine conversion).
2. FAA/DAS Approved Supplemental Flight Manual, P/N 891620, dated 12-30-97 is required for Cessna Model 182P; and Cessna Model 182Q, S/N 18266590 & Below for S-TEC System 20 or later FAA Approved revisions of the above supplement.
3. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891629, dated 12-30-97 is required for Cessna Model 182Q, S/N 18266591 & Up for S-TEC System 20 or later FAA Approved revisions of the above supplement.
4. FAA/DAS Approved Supplemental Flight Manual, P/N 891622, dated 12-30-97 is required for Cessna Model 182P; and Cessna Model 182Q, S/N 18266590 & Below for S-TEC System 30 or later FAA Approved revisions of the above supplement.
5. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891630, dated 12-30-97 is required for Cessna Model 182Q, S/N 18266591 & Up for S-TEC System 30 or later FAA Approved revisions of the above supplement.
6. FAA/DAS Approved Supplemental Flight Manual, P/N 891620, Revision 1, dated 9-02-98 is required for Cessna Model 182P; and Cessna Model 182Q, S/N 18266590 & Below And The Above Models When Modified Per STC SA485SW (Wren Conversion) and/or STC SA950CE (Horton STOL) and/or STC SA2285CE (Horton Flap Gap Seals) and/or STC SA3825SW (260 H.P. Engine Conversion) for S-TEC System 20 or later FAA Approved revisions of the above supplement.
7. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891629, Revision 1, dated 9-02-98 is required for Cessna Model 182Q, S/N 18266591 & Up And The Above Models When Modified Per STC SA485SW (Wren Conversion) and/or STC SA950CE (Horton STOL) and/or STC SA2285CE (Horton Flap Gap Seals) and/or STC SA3825SW (260 H.P. Engine Conversion) for S-TEC System 20 or later FAA Approved revisions of the above supplement.
8. FAA/DAS Approved Supplemental Flight Manual, P/N 891622, Revision 1, dated 9-02-98 is required for Cessna Model 182P; and Cessna Model 182Q, S/N 18266590 & Below And The Above Models When Modified Per STC SA485SW (Wren Conversion) and/or STC SA950CE (Horton STOL) and/or STC SA2285CE (Horton Flap Gap Seals) and/or STC SA3825SW (260 H.P. Engine Conversion) for S-TEC System 30 or later FAA Approved revisions of the above supplement.

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Limitations and Conditions (con't.)

9. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891630, Revision 1, dated 9-02-98 is required for Cessna Model 182Q, S/N 18266591 & Up And The Above Models When Modified Per STC SA485SW (Wren Conversion) and/or STC SA950CE (Horton STOL) and/or STC SA2285CE (Horton Flap Gap Seals) and/or STC SA3825SW (260 H.P. Engine Conversion) for S-TEC System 30 or later FAA Approved revisions of the above supplement.
10. FAA/DAS Approved Supplemental Flight Manual, P/N 891620, Revision 3, dated 6-18-02 is required for Cessna model 182P; and Cessna model 182Q, S/N 18266590 and below, and the above Cessna models when modified by: 1. STC SA485SW (Wren conversion) and STC SA3825SW (260 H.P. engine conversion) or 2. STC SA950CE (Horton STOL) and/or STC SA2285CE (Horton flap gap seals) and STC SA3825SW (260 H.P. engine conversion) or 3. STC SA1382WE (Robertson STOL) and STC SA3825SW (260 H.P. engine conversion) for S-TEC System 20 or later FAA Approved revisions of the above supplement.
11. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891629, Revision 3, dated 6-18-02 is required for Cessna model 182Q, S/N 18266591 and up, and the above Cessna model when modified by: 1. STC SA485SW (Wren conversion) and STC SA3825SW (260 H.P. engine conversion) or 2. STC SA950CE (Horton STOL) and/or STC SA2285CE (Horton flap gap seals) and STC SA3825SW (260 H.P. engine conversion) or 3. STC SA1382WE (Robertson STOL) and STC SA3825SW (260 H.P. engine conversion) for S-TEC System 20 or later FAA Approved revisions of the above supplement.
12. FAA/DAS Approved Supplemental Flight Manual, P/N 891622, Revision 3, dated 6-18-02 is required for Cessna model 182P; and Cessna model 182Q, S/N 18266590 and below, and the above Cessna models when modified by: 1. STC SA485SW (Wren conversion) and STC SA3825SW (260 H.P. engine conversion) or 2. STC SA950CE (Horton STOL) and/or STC SA2285CE (Horton flap gap seals) and STC SA3825SW (260 H.P. engine conversion) or 3. STC SA1382WE (Robertson STOL) and STC SA3825SW (260 H.P. engine conversion) for S-TEC System 30 or later FAA Approved revisions of the above supplement.
13. FAA/DAS Approved Pilot's Operating Handbook and/or Airplane Flight Manual Supplement, P/N 891630, Revision 3, dated 6-18-02 is required for Cessna model 182Q, S/N 18266591 and up, and the above Cessna model when modified by: 1. STC SA485SW (Wren conversion) and STC SA3825SW (260 H.P. engine conversion) or 2. STC SA950CE (Horton STOL) and/or STC SA2285CE (Horton flap gap seals) and STC SA3825SW (260 H.P. engine conversion) or 3. STC SA1382WE (Robertson STOL) and STC SA3825SW (260 H.P. engine conversion) for S-TEC System 30 or later FAA Approved revisions of the above supplement.
14. Compatibility of this modification with other previously approved modifications must be determined by the installer.

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of the Supplemental Type Certificate.

The FAA will reissue the certificate in the name of the transferee and forward it to him.

TRANSFER ENDORSEMENT

Transfer the ownership of Supplemental Type Certificate Number _____

to (Name of transferee) _____

(Address of transferee) _____

(Number and street)

(City, State, and ZIP code)

from (Name of grantor) (Print or type) _____

(Address of grantor) _____

(Number & street)

(City, State, and ZIP code)

Extent of Authority (if licensing agreement): _____

Date of Transfer: _____

Signature of grantor (In ink): _____